

PI 512296 to 512297-continued

PI 512297 **donor id:** MD B312. **origin:** United States. **pedigree:** F6 generation breeding line/MD 59. **other id:** GP-35. **group:** CSR-TOBACCO. **other id:** J312. **remarks:** Light air-cured, medium-maturity, multiple disease-resistant type. Alkaloid content 2.22%. Smoke and aroma values slightly lower than standard cultivars. Potential for use in developing new Maryland-type cultivars. **disease resistance:** High to tobacco mosaic virus, wildfire, and black shank. Also fusarium wilt. Breeding Material. Seed.

PI 512298 to 512299. *Beta vulgaris* L. CHENOPODIACEAE Sugarbeet

Donated by: Lewellen, R.T., U.S. Agr. Research Station, USDA-ARS, Salinas, California, United States. **remarks:** Cooperative investigations by USDA-ARS, The Beet Sugar Development Foundation, and the California Beet Growers Assoc. Received November 20, 1987.

PI 512298 **donor id:** C309. **origin:** United States. **pedigree:** S1 from C310. **other id:** PL-25. **group:** CSR-SUGARBEET. **remarks:** Plants diploid (2m=18), self-fertile, monogerm, O-type (nonrestorer). Segregates for genetic male sterility. Plants moderately nonbolting, lodge during early seed set. Roots long, tapered. Seed density good, yield fair. Sucrose content high. Highly susceptible to Erysiphe and Phoma. **disease resistance:** Moderate to curly top and western yellow viruses. Moderate to bacterial necrosis/rot. Tolerant to lettuce infectious yellow virus. Breeding Material. Seed.

PI 512299 **donor id:** C309CMS. **origin:** United States. **pedigree:** CMS equivalent of C309. **other id:** PL-26. **group:** CSR-SUGARBEET. **remarks:** Cytoplasmic male-sterile equivalent of PI 512298(C309). Sucrose content high. Use as parental line for improved sucrose content and disease resistance. Highly susceptible to Erysiphe polygoni and Phoma betae. **disease resistance:** Moderate to curly top and western yellow viruses. Moderate to bacterial necrosis/rot. Tolerant to lettuce infectious yellow virus. Breeding Material. Seed.

PI 512300 to 512301. *Cicer arietinum* L. FABACEAE Chickpea

Donated by: Auld, D.L., Dept. of Plant, Soil, & Ent. Sciences, University of Idaho, Moscow, Idaho, United States. **remarks:** Received through R. Hannan, Western Regional Plant Introduction Station, Pullman, Washington. Received February 1985.